



# SAMLEX POWER PRODUCTS

## InverCharge Series

### FEATURES

- Pure sine wave output*
- Heavy duty inverter with high power*
- battery charger included*
- Highly efficient operation, high surge capacity and low idle current*
- Seamless transfer (grid / generator to battery and battery to grid / generator)*
- Adjustable load sensing*
- Long backup time up to 10 hours (based on the battery bank and loads)*

### APPLICATIONS

*Supplies power to various loads such as resistive load, inductive load, motors and rectifier load.*



## 1000 / 2000 Watts

### TECHNICAL SPECIFICATIONS

Model	S-1012A	S-2012A
Continuous Power	1000 Watts	2000 Watts
Efficiency	85% max.	
Output Waveform	Sine wave	
DC Current at Rated Power	120 A	240 A
DC Current at Short Circuit	360 A	720 A
Nominal Input Voltage	12 VDC	12 VDC
DC Input Voltage Range	10 ~ 15 VDC	
Auto Low Battery Protection (Heavy/Light Load)	10/11 VDC	
DC Mode Output Voltage Regulation	+/- 10%	
Power Factor Allowed	0.8 to 1	
Frequency Regulation	+/- 1 Hz	
Standard Output Voltage	120 VAC	
Loading Sensing (Power Saving)	150 ~ 220 W	
Transfer Time	12 ms Max	12 ms Max
Forced Air Cooling	Variable Speed	
Automatic Transfer Relay	15 A	30 A
Adjustable Charge Current	4 ~ 40 A	8 ~ 80 A
Number of Charge Profiles	2	2
Resistive Load	100%	100%
Inductive Load	YES	
Motor Load	YES	
Rectifier Load	YES	
Wall Mounting	YES	
Safety Standard	UL-1741 pending	
Dimensions ( L x W x H )	540 x 325 x 310 mm	650 x 320 x 295 mm
Weight	16.12 kg	23.21 kg

Technical Specifications subject to change without notification.